

CLAIMS

1. A foldable portable terminal comprising a body cabinet (1) and a cover cabinet (2) openably/closably coupled to each other; a first speaker (41) disposed in the cover cabinet (2); one or more sound emitting holes 22a for passing a sound wave emitted from the first speaker (41), provided on an inner surface of the cover cabinet (2) in a position opposed to a sound emitting surface of the first speaker (41); one or 5 more openings (12a) provided on an inner surface of the body cabinet (1) in a position to be opposed to the sound emitting holes (22a) with the both cabinets (1, 2) closed; a microphone (14) having a sound collecting surface facing the openings (12a), disposed in the body cabinet (1); and a 10 second speaker (42) for emitting a sound wave toward a rear surface of the cover cabinet (2), disposed in the cover cabinet (2), wherein the foldable portable terminal comprises closing means for closing the sound emitting holes (22a) in a closed state of the both cabinets (1, 2), provided in any one 15 or both of the cabinets.

2. The foldable portable terminal according to claim 1, wherein the closing means comprises detection means for detecting an open state and a closed state of the both cabinets (1, 2) and a shutter mechanism (7) for

opening/closing the sound emitting holes (22a) in accordance with the detection, the shutter mechanism (7) comprising a shutter member (70) supported so as to be capable of entering between opposed faces of the sound emitting surface of the 5 first speaker (41) and the sound emitting holes (22a), and a drive mechanism (72) for reciprocatingly driving the shutter member (70) in accordance with the detection, the shutter member (70), with operation of the drive mechanism (72), entering between the opposed faces to close the sound 10 emitting holes (22a) in the closed state of the both cabinets (1, 2), and escaping from between the opposed faces to open the sound emitting holes (22a) in the open state of the both cabinets (1, 2).

3. The foldable portable terminal according to claim 1, 15 wherein the openings (12a) and the sound emitting holes (22a) are provided in positions to be slightly staggered in a closed state of the both cabinets (1, 2), and the closing means comprises a projection (73) formed within an inner surface area of the body cabinet (1) in a position to face 20 the sound emitting holes (22a) in a closed state of the both cabinets (1, 2), the projection (73) closing the sound emitting holes (22a) in the closed state of the both cabinets (1, 2), and separating from the sound emitting holes (22a) with the cover cabinet (2) opened.

4. The foldable portable terminal according to claim 3, wherein the projection (73) is formed from an elastic resin.

5. A foldable portable terminal comprising a body cabinet (1) and a cover cabinet (2) openably/closably coupled to each

5 other; a first speaker (41) disposed in the cover cabinet (2); one or more sound emitting holes (22a) for passing a sound wave emitted from the first speaker (41), provided on an inner surface of the cover cabinet (2) in a position

opposed to the first speaker (41); one or more openings (12a) provided on an inner surface of the body cabinet (1) in a position to be opposed to the sound emitting holes (22a) with the both cabinets (1, 2) closed; a microphone (14) disposed

10 in the body cabinet (1) toward the openings (12a); and a second speaker (42) disposed in the cover cabinet (2) for

15 emitting a sound wave toward a rear surface thereof, wherein the foldable portable terminal comprises a partition wall for partitioning a first area having the first speaker (41) disposed therein and a second area having the second speaker

20 (42) disposed therein, formed between these two areas inside the cover cabinet (2).

6. The foldable portable terminal according to claim 5, wherein the partition wall is formed by a rib (25) projecting from one of two inner walls opposed to each other inside the cover cabinet (2) toward the other inner wall, and a cushion

member (43) intervening between an end of the rib (25) and the other inner wall.

7. The foldable portable terminal according to claim 5, wherein the cover cabinet (2) comprises an inner cabinet half (28) forming the inner surface of the cover cabinet (2) and a rear cabinet half (29) forming the rear surface of the cover cabinet (2), joined to each other, and the partition wall is formed by a first projection (26) projecting from the inner cabinet half (28), a second projection (27) projecting from the rear cabinet half (29) and being opposed to the first projection (26), and a seal member (44) intervening between the both projections (26, 27).

8. A foldable portable terminal comprising a body cabinet (1) and a cover cabinet (2) openably/closably coupled to each other; a microphone (63) and a first speaker (41) disposed on inner surfaces of the body cabinet (1) and the cover cabinet (2) in positions opposed to each other with the both cabinets closed; and a second speaker (42) disposed on a rear surface of the cover cabinet (2), wherein the microphone (63) is rotatably disposed at an end of the body cabinet (1), and capable of facing a direction deviating from the cover cabinet (2) in a closed position with the both cabinets closed.

9. The foldable portable terminal according to claim 8,

wherein it is possible to set a first call mode for causing the microphone (63) and the first speaker (41) to function with the both cabinets opened and a second call mode for causing the microphone (63) and the second speaker (42) to

5 function with the both cabinets closed, and the microphone (63) is set in the first call mode to a first rotational posture where it faces the inner surface side of the body cabinet (1), and set in the second call mode to a second rotational posture where it faces a direction deviating from

10 the cover cabinet (2) in a closed position.

10. The foldable portable terminal according to claim 9, wherein the microphone (63) is incorporated in a transmission unit (6) rotatably disposed on an end of the cover cabinet (2), and the transmission unit (6) comprises a sound

15 collecting hole (62) for introducing a sound wave toward the microphone (63).

11. The foldable portable terminal according to claim 10, wherein the transmission unit (6) is rotationally driven by manual operation.

20 12. The foldable portable terminal according to claim 10, wherein the transmission unit (6) is rotationally driven by a reciprocation drive device.